

CIECIERSKA, D.

2998

545,023 : 517,672.1

Ciecierska D., Górczynska K., Świątosińska J. *The Spectrophotometric Determination of the Purity of Anthracene*.

"Spectrofotometry of anthracene, ozocerite, carbazole and phenanthrene". Przemysł Chemiczny, Nr. 12, 1953, pp. 610-623, 5 figs., 9 tabs.

A method was worked out for determining the purity of anthracene, containing admixtures of phenanthrene and carbazole, with ultraviolet spectrophotometry (Beckman spectrophotometer, Model DU). The determination of anthracene in the purified product by the usual method (relative error no higher than 0.8%) and by the differential method (relative error no higher than 0.7%) is described together with the joint and several determination of phenanthrene and carbazole.

Cieclerska D.

3650

547.232 : 547.722.5 : 541.572 : 545.823

Urbaniski T., Cieclerska D., On Aliphatic Nitrocompounds. The Structure of some Aliphatic and Heterocyclic Nitrocompounds on the Basis of Ultraviolet Absorption Spectrum.

CH

„O-nitrozwiązkach alifatycznych. Budowa niektórych nitrozwiązków alifatycznych i heterocyklicznych na podstawie badań widma absorpcji w ultrafiolecie". Roczniki Chemii (PAN), No. 1, 1958, pp. 11-21, 5 figs., 1 tab.

The authors examined the ultraviolet absorption spectra of 20 aliphatic and heterocyclic nitrocompounds, nitroparaffins and their derivatives, finding that certain nitrocompounds do not show the maximum of absorption in the proximity of $\lambda = 270 \text{ m}\mu$, which is characteristic for the nitro-group. The authors explain this by the formation of chelate rings through hydrogen bonds between both oxygen atoms of the nitro-group and the hydrogen atoms of at least two hydroxyl groups, or by

the formation of hydrogen bonds between one of the oxygen atoms of the nitro-group and the hydrogen of the amino-group.

ML
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POLON

Reactions of aliphatic nitro compounds. XII. The structure of some aliphatic and heterocyclic nitro compounds on the basis of the investigation of their ultraviolet absorption spectra. Tadeusz Urbanicki and Danuta Ciecielska (Pol. Tech. Inst., Warsaw), *Kozhik Chem.* 29, 11-19 (1955); (English summary) *ibid.* 44, 49, 825-826 (1955).—The investigation of 29 aliphatic and heterocyclic nitro compds. showed that some do not have in their absorption spectra the characteristic for NO_2 max absorb. at 270 m μ , but instead have a point of inflection. This phenomenon shows a substance in which (1) both O of NO_2 are involved in 4-1 bond chelate rings with OH; (2) one NO_2 has NO_2 is involved in such a ring with the amino group. This explains why only one amino group is needed for the effect instead of 2 OH groups. U. and C. suppose that the cause is more strong electron repelling character of the amino group.

A. Semenov

27
✓ Colorimetric determination of trace content of copper in
graphite by using sodium dithiocarbamate. Krystyna
Gorczyńska, Danuta Ociecka, and Halina Wajda

Inst. Geo-Chem. Warsaw Chem. 4 no 2 1973
English translation by J. M. K. Smith
The method of sodium dithiocarbamate for determining Cu in graphite has been modified and applied to small amounts of graphite. The method is based on the reduction of Cu²⁺ ions by graphite. After combustion of graphite at 800°C, the solution was dissolved in a 1:1 dilution ratio and titrated. Small losses of Cu during the combustion at high temp. (800-900°) seem probable. The method can be directly applied to graphites contg. 5-50 γ Cu/g. When Cu content is 0.5-5 γ/g, the measurement is carried out after adding to the solution a known amt. of Cu. Z. K.

Im ha
(yr)

COUNTRY : POLAND
CATEGORY : Physical Chemistry. Kinetics. Combustion.
Explosions. Topochemistry. Catalysis B
ABS. JOUR. : RZKhim., No. 1 1960, No.553
AUTHOR : Krause, A.; Ciecielska, D.
INST. : -
TITLE : On Inorganic Heterogeneous Catalysts of Ferrite
Type Accelerating the Hydrolysis of Starch
ORIG. PUB. : Roczn. chem., 1958, 32, No 6, 1389-1392
ABSTRACT : A study was made of the hydrolysis of starch
in a solution of H_2O_2 at 37° in the presence
of $Fe(FeO_2)_3$ (I), $Cu(FeO_2)_2$ (II), as well as
of II with the addition of Mn^{+2} . It was shown
that II is more active than I and that Mn^{+2}
(1 mg per 0.01 g of II) promotes II. The speed
of hydrolysis of starch is proportional to the
concentration of H_2O_2 and inversely proportional
to the concentration of starch. The speed of

CARD: 1/2

B-38

CIECIERSKA-STOKLOSA, Danuta; GORCZYNsKA, Krystyna; SWIETOSLAWsKA, Janina;
WALEDZIAK, Hanna

The method of substitute adsorption coefficients in the spectro-
photometric analysis of binary mixtures. I. Application for
determining traces of metals by means of color reaction. Chem anal
4 no.5/6:803-807 '59.
(EEAI 9:9)

1. Zaklad Fizyki Technicznej Instytutu Chemii Ogolnej, Warszawa
(Spectrophotometry) (Metals) (Adsorption)
(Mixtures) (Color reactions)

GORCZYNKA, Krystyna; WALĘDZIAK, Hanna; CIECIERSKA-STOKLOSA, Danuta

The method of substitute adsorption coefficients in the spectro-photometric analysis of binary mixtures. II. Determination of trace amounts of vanadium and iron by the color reaction with benzohydroxamic acid. Chem anal 4 no.5/6:809-818 '59. (EEAI 9:9)

1. Zaklad Fizyki Technicznej Instytutu Chemii Ogolnej, Warszawa.
Kierownik Zakladu: Doc. Janina Swietoslawska.

(Spectrophotometry) (Adsorption) (Vanadium)
(Iron) (Benzohydroxamic acid) (Color reactions)

WALEDZIAK, Hanna; GORCZYNSKA, Krystyna; CIECIERSKA-STOKLOSA, Danuta

Determination of traces of vanadium by means of color reaction with
benzohydroxamic acid. Chem anal 4 no.5/6:883-890 '59. (EEAI 9:9)
(Vanadium) (Benzohydroxamic acid) (Color reactions)

CIECIERSKA-TWOREK, Z.

Country : Poland
Category : Physical Chemistry. Thermodynamics. Thermochemistry.
Equilibria. Physicochemical Analysis. Phase Transitions
Abs. Jour : RZhKhim., No 13, 1959 45054

Author : Swietoslawski, W. and Ciecierska-Tworek, Z.
Institut. : Not given
Title : Heats of Evaporation of Binary Azeotropes Formed by Benzene and Toluene with the Homologous Series of Aliphatic Alcohols
Orig. Pub. : Roczniki Chem., 32, No 4, 929-939 (1958)
Abstract : The authors have measured experimentally the heats of evaporation of binary azeotropes formed by benzene with methanol, ethanol, propanol, isopropanol, and isobutanol, and by toluene with methanol, ethanol, propanol, and butanol. The measurements were carried out in apparatus which has been described earlier (RZhKhim., No 16, 1958, 53592). Both the specific and the molar heats of evaporation of the azeotropes investigated have been calculated. Curves giving the dependence of the heat of evaporation on the composition and bp of the azeotrope and on the number of CH₂ groups in the aliphatic

Card: 1/2

Country : Poland
Category :

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Abs. Jour :

45054

Author :
Institut. :
Title :

Orig Pub. :

Abstract : alcohol have been plotted. The authors have also plotted heat of evaporation curves, using data obtained from the literature, for azeotropic mixtures in which the heat of mixing at the on of the components is zero [sentence not very clear].

S. Ryk

Card: 2/2

CIECIERSKA-TWOREK, Z.

Microscopic research on the "memory" of the crystalline structure
of polyethylene. Polimery tworzące wielkość 7 no. 9:320-325 S '62.

1. Zakład Fizyki Technicznej, Instytut Chemii Organicznej,
Pracownia Fizyki Polimerów, Warszawa.

CIECIERSKA-TWOREK, Z.

Studies on polymer crystallization processes based on absorption changes under infrared. Pt.2. Polimery tworz wielk 10 no.1:15-19 Ja '65.

1. Laboratory of Physics of Polymers of the Institute of Technical Physics, Warsaw. Submitted July 24, 1964.

CIECIERSKA-TWOREK, Z.

Studies on the crystallizing processes of polymers based on
the changes in the infrared spectrum. Pt.1, Polimery tworz
wielk 9 no.12:511-512 D '64.

1. Laboratory of Polymer Physics of the Department of Technical
Physics of the Institute of General Chemistry, Warsaw. Submitted
July 24, 1964.

CIECIORA, F.

Polish Technical Abst.
No. 1 1954
Building Industry and
Architecture

6290

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711.1 : 624.9.324"

✓ Cieciora F. Building at the MDM during the Winter Seasons of 1950-
1951 and 1951-1952.

"Budowa MDM w okresach zimowych 1950-51 i 1951-52"; Przegląd
Budowlany, No. 1, 1953, pp. 15-21, 3 figs., 2 tabs.

Preparations for winter jobs included staff training, making use
of the experience of past years, planning and making of suitable
equipment. The question of high efficiency furnaces for aggregates and
water was the principal practical problem. Large building sites require
in winter a post for an engineer-technologist. This will make it pos-
sible to link technological processes more closely with scientific founda-
tion of construction strength.

CIECIORA F

CIECIORA, F.

The application of Smirnov lime.

p. 29 (Budownictwo Wiejskie) Vol. 7, No. 4, July/Aug., 1955, Warszawa, Poland

SO: MONTHLY INDEX OF EAST EUROPEAN ACCESSIONS (EEAI) LC, VOL. 7, NO. 1, JAN. 1958

CIECIORA, F.

CIECIORA, F. Construction program on the Vistula River in the light of the needs of
maritime areas. p. 244.

Vol. 16, no. 6, June 1956

GOSPODARKS WODNA

TECHNOLOGY

Warszaw, Poland

So: East European Accession, Vol. 6, no. 2, Feb. 1957

CIECIORA, F.

More about the technical and economic importance of the proposed dam on the
Vistula estuary. p. 348.

(GOSPODARKA WODNA. Vol. 17, No. 7, July 1957, Warszawa, Poland.)

SO: Monthly List of East European Accessions (EEAL) Lc. Vol. 6, No. 10, October 1957. Uncl.

CIECIOROWSKA, Anna.

Diagnosis of premature amniotic rupture. Polski tygod. lek. 12 no.33:
1276-2179 12 Aug 57.

l. Z Instytutu Matki i Dziecka w Warszawie: dyrektor; prof. F. Groer;
kierownik Kliniki Polonii i Chorob Kobiecych: prof. J. Lesinski.
Adres: Warszawa, ul. Madalinskiego 25, Inst. Matki i Dziecka, Klin.
Polon.

(AMNION, rupture,
premature, diag. (Pol))

CIECIOROWSKA, Anna; KURZEPY, Stanislaw; TELKO, Miroslaw

Effect of adrenalin and noradrenalin on non-pregnant uterus
in women and in certain experimental animals. Gin.polska 30
no.3:309-314 My-Je '59.

1. Z Kliniki Poloznictwa i Chorob Kobiecyh oraz Zakladu
Farmakologii Instytutu Matki i Dzidcka w Warszawie Dyrektor
Instytutu: prof. dr med. F. Groer Kierownik Kliniki: prof.
dr med. J. Lesinski Kierownik Zakladu Farmakologii (p. o.):
mgr St. Kurzepa.

(UTERUS pharmacol)
(EPINEPHRINE pharmacol)
(NOREPINEPHRINE pharmacol)

TELKO, Miroslaw; CIECIOROWSKA, Anna

Essay of the interpretation of the activity of adrenalin on contractile activity of the human uterus. Gin. polska 31 no 2:263-268
Mr-Ap '60.

1. Z Kliniki Polognictwa i Chorob Kobiecych Instytutu Matki i Dziecka w Warszawie. Dyrektor Instytutu: prof.dr med. F. Groer. Kierownik Kliniki: prof.dr med. J. Lesinski.

(UTERUS pharmacol.)
(EPINEPHRINE pharmacol.)

CIECIOROWSKA, Anna; KURZEPA, Stanislaw; TEJKO, Miroslaw

Effect of adrenalin and noradrenalin on contractile activity of
the human uterus. Gin.polska 31 no.2:141-148 Mr-Ap '60.

1. Z Kliniki Chorob Kobiecych i Poloznictwa oraz z Zakladu Farmakologii Instytutu Matki i Dziecka w Warszawie. Dyrektor Instytutu:
prof.dr med. F. Groer. Kierownik Kliniki: prof.dr med. J. Lesinski
P.o. Kierownik Zakladu Farmakologii: mgr St. Kurzepa.

(UTERUS pharmacol.)

(EPINEPHRINE pharmacol.)

(NOREPINEPHRINE pharmacol.)

CIECIOROWSKA, Anna; KWIETNIAK, Jan; PLEWINSKI, Gustaw

A case of associated developmental abnormalities of the female genitalia, urinary system and spine. Ginek. Pol. 33 no.2:193-199 '62.

1. Z Kliniki Położnictwa i Chorob Kobiecych Instytutu Matki i Dziecka w Warszawie Kierownik Kliniki: prof. dr med. J. Lesinski Dyrektor: prof. dr med. F. Groer Z Kliniki Chirurgicznej Instytutu Hematologii w Warszawie Kierownik Kliniki i Dyrektor Instytutu: doc. dr med. A. Trojanowski.

(GENITALIA FEMALE abnorm)
(UROGENITAL SYSTEM abnorm)
(SPINE abnorm)

CIECIOROWSKA, Anna

The effect of progesterone on the uterine muscle in guinea pigs in the light of the theory of receptors of the adrenergic system. Acta med. pol. 3 no.4:361-375 '62.

1. Institute of Mother and Child, Warsaw Director: Prof. Dr. B.Gornicki
The Obstetrical and Gynecological Clinic Director: Prof. Dr. J.Lesinski.
(PROGESTERONE) (UTERUS) (RECEPTORS NEURAL)
(EPINEPHRINE) (NOREPINEPHRINE) (CASTRATION) (ESTROGENS)
(ISOPROTERENOL)

CLEGICROWSKA, Anna

Use of palerol in the treatment of painful menstruation in
puberty. Pol. tyg. lek. 20 no.18:644-646 3 My '65.

1. Z Kliniki Poloznictwa i Chorob Kobiecych (Kierownik: prof.
dr. med. J. Lesinski), i Institut Matki i Dziecka w Warszawie
(Dyrektor: prof. dr. med. B. Gornicki).

CIECIURA, Leszek

Morphological changes in the male gonad during the course of furadantin intoxication in the white rat. Endokr. Pol. 13 no.2:181-186 '62.

l. Zaklad Histologii i Embriologii W. A. M. w Lodzi Kierownik: prof.
dr St. Baginski.

(NITROFURANS toxicol) (TESTES pathol)

CIECIURA, Leszek

Histochemical studies on the distribution and activity of phosphatases
in the rat male gonad in furadantyn poisoning. Endocry. pol. 13 no.3;
295-308 '62.

1. Zaklad Histologii WAM Kierownik: prof. dr St. Baginski,
(PHOSPHATASES metab) (TESTES metab)
(NITROFURANS toxicol)

CA CIECKIEWICZ, E.

21

Flash point tests of some Polish peats. Józef Dubois
and Edward Cieckiewicz. Przegląd Górnictwa 6, A25 R
(1950) (in Polish).—Samples of several grades of peats were
ground and screened. The flash points of thus obtained
fractions of various mesh sizes were detd., and found to be
between 190 and 220°. This indicates that peats can be
safely dried in a stream of air heated to 100°, without dan-
ger of explosion. (2)
Edward A. Ackermann

176

PTA CIECKIEWICZ, E.

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117:
Dubois J., Cieckiewicz E. Laboratory Determination of Spontaneous Combustion of Peats

„Laboratoryne oznaczanie samoszapalności torfów”. Przegląd Górnictwa, No. 3, 1951, pp. 120–124, 2 figs., 3 tabs.
Spontaneous combustibility according to the method laid down by the Polish Institute of Coal. The method divides the peats into safe, medium-safe and dangerous peats. For the experiments three types of peat were used: two from the highlands and one from the lowlands. It was found that highland peats can be reckoned as entirely safe, lowland peats as medium-safe peats. The effects of long action of oxygen on the semi-coke obtained from the lowland peat was also established in the present report.

CIECKIEWICZ, E.

Polish Technical Abst. 2456
No. 4, 1953
Chemistry and
Chemical Technology

662.731

(1) Fuels

Cieckiewicz E., Tront C. Experiments on Low-Temperature Carbonisation of Peat.
Doswiadczenia nad paleniem torfu. (Prace Inst. T r f. No. 4), E'blag, 1952, Inst. Torf., 20 pp., 2 figs., 3 tabs.

Low-temperature carbonisation of peat, at temperatures of from 500° to 600° C, in continuous and intermittent type externally heated vertical retorts. The greatest quantities of tar were obtained with pieces of peat from 1 to 2 cm. The higher the temperature, the higher is the gas yield and the lower the semi-coke yield. The gas obtained at temperatures above 400°C consisted of approximately 70% of CH₄, H₂ and N₂. The calorific value of average quality gas amounted to approximately 3300 calories per cubic metre. The semi-coke obtained was, by reason of its low mechanical strength, unsuitable for metallurgical purposes.

CIECKIEWICZ, E.

"Corrosion of concrete in peaty soil."
Gospodarka Wodna, Warsaw, Vol 13, No 11, Nov 1953, p. 420

SO: Eastern European Accessions List, Vol 3, No 10, Oct 1954, Lib. of Congress

CIECKIEWICZ, M.

Occupational acute arsenic poisoning. Med.pracy 6 no.3:169-174
1955.

(ARSENIC, poisoning,
occup.legal aspects)

(POISONING,
arsenic, occup.,legal aspects)
(OCCUPATIONAL DISEASES,
arsenic poi.,legal aspects)

CIECKO, Feliks

The socialist competition as a school of good work. Przem drzew 12
no.12:25-27 '61.

(Socialist competition)

CIEF, Jozef

Shortcomings impairing the reconstruction of workers' wages.
Prace mzda 10 no.9:393-398 S '62.

1. Zapadoslovensky masovy priemysl, Bratislava.

CIEGLEWICZ, Walerian

State and needs of ichthyological research in Poland in the field of
deep-sea fishing. Nauka polska 10 no.4:23-30 '62.

MADEJ, Jan; MATUSZEWSKI, Henryk; CIELECKI, Jerzy; SOLARZ, Edward

Ectopia decidua on the vaginal portion of the uterus. Ginek.
Pol. 36 no.5:569-575 My '65.

1. Z I Kliniki Położnictwa i Chorób Kobiecych AM w Krakowie
(Kierownik: prof. dr. med. S. Schwarz).

CIELECKI, M.; Gregorowicz, J.

Forest management Fund is needed. p. 3.

LAS POLASKI. (Ministerstwo Lesnictwa Oraz Stowarzyszenie Naukowo-Techniczne
Inżynierow i Technikow Leśnictwa i Drzewnictwa) Warszawa, Poland. Vol. 32,
no. 8, Apr. 1958.

Monthly List of East European Accession (EEAI) LC, Vol. 9, no. 1, Jan. 1960.
Uncl.

CIELENS, E.

C.A. V-46
Jan. 10, 1954
Latvia

(2)

Total choline content in seeds of local (Latvian) leguminous plants. E. Ciebens (Food Instⁿ, Acad. Sci. Latv. S.S.R.). *Latvijas PSR Zinātņu Akad. Vestis* 1949, No. 7

(Whole No. 24), 71-8(Russian summary).—The total choline content (free plus lecithin-bound) in Latvian *Vicia faba*, *Phaseolus vulgaris*, *P. multiflorus*, and *Pisum sativum* was 150-212 mg. %, dry substance. During germination, the choline content increased by 75% in beans, and 40% in peas. In cooking, only 9-13% of choline was destroyed.

A. Dravnieks

CIELENS, E.

Chem 16s

U-47 25 Jun 54

Microbiology

✓Content of some lipotropic factors in the yeast *Saccharomyces cerevisiae*. E. Cielens (Food Inst., Acad. Sci. Latv. S.S.R.). *Latomis PSR Zinātņu Akad. Vēstis* 1950, No. 1(Whole No. 30), 85-6(Russian summary).—In the phosphatide fraction of the *S. cerevisiae*, 1.24% lecithin and 250 mg. % choline, calcd. as chloride and on the dry basis were found.

A. Dravnieks

(2)

CIELENS, E.

Chemical Abst.
Vol. 48 No. 6
Mar. 25, 1954
Biological Chemistry

Biosynthesis of linoleic acid in the ~~crystallizing~~ incubation. E. Ciebens (Acad. Sci., Riga, Latvia). "Latvijas PSR Zinātņu Akad. Viestis" 1950, No. 10(Whole No. 37) 57-9.—Relative contents of linoleic acid were determined in the egg and in chicken meat (just after hatching). No linoleic acid was found in egg albumin and only traces in egg yolk, but a measurable amt. in chicken meat, and still higher amts. in brain, liver, and kidney. Linoleic acid is formed during incubation of the egg. J. A. Burns

1. CIELENS, E.: STOLIGVO, N.: LAZDINA, V.
2. USSR (600)
4. Diet in Disease
7. Effect of diet on the course of experimental tuberculosis. Latv.PSR Zin.Akad.Vestis, no. 11, 1950.
9. Monthly List of Russian Accessions, Library of Congress, March 1953, Unclassified.

1. STOLIGVO, N.; CIELENS, E.; LAZDINA, V.
2. USSR (600)
4. Diet in Disease
7. Influence of diet on the course of experimental tuberculosis.
Part III. Latv. PSR Zin. Akad. Vestis. 1; 1951

9. Monthly List of Russian Accessions, Library of Congress, January 1953. Unclassified.

1. CIELENS, E.
2. USSR (600)
4. Colostrum
7. Choline content in colostrum and milk. Latv. PSR Zin. Akad. Vestis 5, 1951

9. Monthly List of Russian Accessions, Library of Congress, January 1953, Unclassified.

1. CIELENS, E.
2. USSR (600)
4. Milk - Composition
7. Choline content in colostrum and milk. E. Cielens. Latv. PSR Zin. Akad, Vestis no. 9, 1952
9. Monthly List of Russian Accessions, Library of Congress, January, 1953. Unclassified.

CIELENS, E.

Chemical Abst.
Vol. 48 No. 8
Apr. 25, 1954
Biological Chemistry

Quantitative changes in choline content of hen eggs during the period of incubation. *V. I. Cieles* (Food Inst., Acad. Sci. Latv. S.S.R., Riga). *Biokhimiya* 18, 566-70 (1953).—Egg choline is concen. in the yolk. After 48 hrs. incubation it is also found in the egg white. During the incubation period choline consumption increases, especially in the later stages of embryo development, varying from 53 to 67%. In expl. eggs, obtained from hens fed on a diet fortified with yeast, there appeared a diminution in the loss of choline during the incubation period, owing to the influence of folic acid on the choline oxidase activity in the liver of the embryo. *D. S. Levine*

CIELENS, E.

CIELENS, E.

Choline content of colostrum and milk. Vit.res. i ikh isp. no.2:
136-138 '54. (MIRA 8:10)

1. Institut zootekhniki i zoogigiyeny Akademii nauk Latviyskoy SSR.
(Colostrum) (Milk--Analysis and examination) (Choline)

CIELENS, E.A.

STOLYGOV, N.S.; CIELENS, E.A.

Effect of folic acid on resistance of the organism to tuberculosis.
Vop. pit. 14 no.5:13-15 S-0 '55. (MLRA 8:11)

1. Iz Instituta mikrobiologii AN Latviyskoy SSR, Riga.
(TUBERCULOSIS, immunology,
eff. of folic acid)
(FOLIC ACID, effects,
on resist. to tuberc.)

STOLYGOV, N.S.; CIELENS, E.A. (Riga)

Experimental investigation of the effect of lipotropic factors on
the tuberculosis resistance of the organism. Usp. sovr. biol. 40
no. 3:349-363 N-D '55. (MLRA 9:4)

(TUBERCULOSIS) (CHOLINE)

CIELESZKY

VACZI, L.; SZITA, J.; CIELESZKY

The role of lipids in induced chloramphenicol resistance of bacteria.
Acta microb. hung. 4 no.4:437-445 1957.

1. State Institute of Hygiene, Budapest.

(CHLORAMPHENICOL, eff.

on bact. simultaneous increase in lipid content of bact.
with develop. of resist.

(BACTERIA, eff. of drugs on
chloramphenicol, simultaneous increase in lipid content
of bact. with develop. of resist.

(LIPIDS, metab.

bact., simultaneous increase in lipid content with
develop. of resist. to chloramphenicol.

Determination of copper, arsenic, and mercury in disinfected seeds. Vilmos Cilecky (Hungarian Chem. Inst., Budapest). *Kürtidegyi Kéziratok* 47-9, 70-83 (1947).—Decomp. a few grains of a g. of sample by heating with 0.6 ml. of fuming HNO₃ and 0.3 ml. of concn. H₂SO₄, adding 2-3 drops of HNO₃, and again heating until the liquid becomes light yellow. Remove HNO₃ by adding a few drops of water and boiling until SO₂ fumes appear. Cool, wash the soln. into a 10-15-ml. measuring cylinder, and make up to 5-6 ml. This soln. serves for the detn. of Cu and As. A special device was constructed for decompn. of the sample to be used to det. Hg. To det. Cu dil. 2-3 ml. of the soln. to threefold its vol., to 1 ml. of this soln. add 2 drops of 20% NH₄OH-HCl, and make up to 10 ml. Add small portions of soln. contg. 3 mg. dithizone in 100 ml. CCl₄, and compare colorimetrically with a standard. The natural Cu content of seeds must be kept in mind. The method enables the detn. of Cu content to within about 5% in amts. of 1-10 γ. For the detn. of As measure 1 ml. soln. into a test tube and add 5 ml. 12% HCl. Moisten a few grains of granulated Zn with water, and add dil. Cu soln. When the surface of the Zn becomes black, wash the grains and drop them into the test tube. Cover the mouth of the tube with filter paper moistened with a soln. of AgNO₃. The lemon yellow spot formed by AsI₃ is complete within an hr. at room temp., and the color is proportional to the As content. Det. Hg in a separately decompd. sample by adding NH₄OH-HCl, dil., adding dithizone soln. until the vivid orange color becomes greenish brown, and comparing with a standard. Between 1 and 10 γ Hg can be detd. thus with 2-3% error.

Vilmos Cilecky

CA

15A

ASB-1A METALLURGICAL LITERATURE CLASSIFICATION

SCIENTIFIC SUBJECT

GENERAL SUBJECT

EXPERIMENTAL

TECHNICAL

INDUSTRIAL

EDUCATIONAL

APPLIED

PHYSICAL

MATERIALS

PROCESS

APPARATUS

TESTS

ANALYSIS

STRUCTURE

COMPOSITION

PROPERTIES

TESTING

MANUFACTURE

MANUFACT

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CIELESZKY, V.

Polarographic determination of the content of the active substance (γ -isomer) of hexachlorocyclohexane. Vilmos Cieleszky and Gyula Jozsefovits (Inst. Nutrition Bel., Budapest). Magyar Akad. Polytudom. Sz. 105-200 (1950) - Pure γ -isomer was produced by shaking 100 g. crude $C_6H_{12}Cl_6$ (1) with 25 ml. $CHCl_3$, allowing to stand several hrs., filtering, evapg. the filtrate on a water bath, allowing the oily residue to stand 1-2 days, mixing with 90 ml. 96% HgO .

filtering, crystallizing the substance on the filter from warm $CHCl_3$, then from 80% hot $AcOH$, washing, and drying. A standard soln. contg. 0.2% γ -isomer was used in the cyclo-polarograph, Leybold polarograph, type 1037. To increase the sensitivity of the method and to mark the appearance of the characteristic γ -isomer wave the addn. of Zn appeared to be suitable, since its ptn. potential agrees with the initial potential of the γ -isomer wave. For analytical purposes this "metal indicator" is prep'd. by dissolving 110 mg. $ZnSO_4 \cdot 7H_2O$ in dstd. water and dilng. to exactly 100 ml. The use of this indicator makes the adjustment of the starting potential unnecessary, and excludes errors caused by potential fluctuation. The presence of a heptachloro derivative in crude I deforms and raises the γ -isomer wave. A formula was developed for calcn. of the γ -isomer content, and the analytical procedure is given in detail, including the prepn. of the calibration curve. 28 references. Istvan Pinky

CA CIELESZKY, V.

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Direct polarographic determination of the impurities in foods. Vilmos Cieleszky and Károly Lindner (Kleemann-Tudorai Társaság, Budapest, Hung.). Magyar Kém. Polgáriai 37, 102-3(1961).—Weigh a 5-10 g. sample into a 100 ml. Kjeldahl flask, add 5 ml. HNO₃, heat, and shake until a homogeneous pulp is obtained, add 1 ml. concd. H₂O₂, drop by drop, and heat again. If the substance begins to turn brown, add a few drops HNO₃, and heat until a colorless liquid is formed. Add 3-6 ml. H₂O and boil until numerous fumes appear, cool, wash into a 50 ml. volumetric flask, and dil. to 50 ml. This soln. is suitable for direct polarography with a dropping Hg cathode. Before making the polarogram it is advisable to conduct a stream of H₂ through the soln. for 2-3 min. Investigations made in pure H₂ solns. confirmed that reduction before polarography is unnecessary. The polarogram of Fe is characteristic even without measurement of the peak potential because of the O step observed in the beginning. When testing tomato purées or liquid portions of sliced foods of a pulpy consistency the Fe content within 10% can be established by polarography directly without any previous decomposition treatment with acids. Thus 25-30 decomp. can be performed in 8 hrs. István Finály

CIELESZKY, V.

Iron and protein complexes of the human organism and their biological function, p. 209, MAGYAR KEMIKUSOK LAPJA (Magyar Kemikusok Egyeslete) Budapest, Vol. 11, No. 7, July 1956

SOURCE: East European Accessions List (EEAL) Library of Congress,
Vol. 5, No. 11, November 1956

CIELESZKY, V.; DENES, A.; SANDI, E.

Polarographic investigations of the exchange ratios of copper and iron in the complexes of hydroxamic acid and the biological significance of this ratio.
In German. p. 381 (Acta Chimica, Vol. 9, No. 1/4, 1956, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

CIELESZKY, V.

M. Brezina and P. Zuman's Polarography of Medicine, Biochemistry, and Pharmaceuticals; a book review. p. 72. (Magyar Kemikusok Lapja, Vol. 12, No. 2, Feb 1957, Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

CIELESZKY, V.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

CIELESZKY, V. The possibility of arsenic contamination in case of dehydration with flue gas. p. 25.

Monthly List of East European Accessions (EEAI) 1C, Vol. 8, No. 5,
May 1959, Unclass.

CIELESZKY, V.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

CIELESZKY, V. Residues of gaseous insecticides in foodstuffs. Binding
and decomposition of hydrogencyanide in fruits. p. 25.

Monthly List of East European Accessions (EEAI) 1C, Vol. 8, No. 5,
May 1959, in class.

CIELESZKY, V.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

CIELESZKY, V. Hygienic aspects of contaminations and additive in foodstuffs. p. 27.

Monthly List of East European Accessions (SEAI) IC, Vol. 8, No. 5,
May 1959, Unclass.

CIELESZKY, V.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

CIELESZKY, V. Estimation of residues originating from parathion containing insecticides. p. 34.

Monthly List of East European Accessions (EEAI) IC, Vol. 8, No. 5,
May 1959, Unclass.

CIELESZKY, V.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

CIELESZKY, V. A rapid micromethod for the assessment of seed disinfectant residues containing mercury. p. 79.

Monthly List of East European Accessions (EEAI) LC, Vol. 8, No. 5,
May 1959, Unclass.

CIELESZKY, V.

TECHNOLOGY

Periodical: YEARBOOK Budapest 1956/57 (published 1958)

CIELESZKY, V. Arsenic contamination of wine-sulfuring agents and their toxicological aspects. p. 80.

Monthly List of East European Acquisitions (EEAI) IC, Vol. 8, No. 5,
May 1959, Unclass.

CIELESZKY, V.

TECHNOLOGY

PERIODICAL: MAGYAR KEMIKUSOK LAPJA. Vol. 13, no. 9, Sept. 1958

Cieleszky, V. An account of the 2d Czechoslovak-Hungarian Polarographic Conference. p. 342.

Monthly list of East European Accessions (EEAI) LC, Vol. 8, No. 2,
February 1959, Unclass.

CIELESZKY, V.; SANDI, E.

Smoking and cancer; comparative investigations of Hungarian tobaccos. p. 32

Budapest, Hungary. Elelmezesrudimanyi Intezer. YEARBOOK. Budapest, 1959.

Monthly list of East European Accession (EEA I) LC, Vol ~~XIX~~, no. 2, 1960.
9, no. 2, 1960, Feb.
Uncl.

CIELESZKY, V.

The behavior of a hydroxamic acid with pyrazine ring structure at the dropping mercury electrode. p. 93.

Budapest, Hungary. Elelmezesrudimanyi Intizer. YEARBOOK. Budapest, 1959.

Monthly list of East European Accession (EMA) LC, Vol 62, no. 2, Feb. 1960

Uncl.

CIELESZKY, V.; SANDI, E.

The polarographic determination of heavy metals in organic substances with low ash contents, in magnesium chloride solution. p. 101

Budapest, Hungary. Elelmezesrudimanyi Intizer. YEARBOOK. Budapest, 1959.

Monthly list of East European Accession (EEAI) LC Vol XXXVII, No. 1, 1960
9, no. 2, Feb. 1960

Inc.

CIELESZKY, Vilmos

Professor Dr. Jaroslav Heyrovsky, the 1959 Nobel prize winner
in chemistry. Magy kem lap 15 no.1:9-10 Ja '60.

GIELESZKY, Vilmos, dr.; SOHAR, Palne

Newest regulations concerning the use of food dyes. Nepe-geszsegugy 44 no.9:276-279 S '63.

1. Kozlemeny az Orszagos Elelmezes- es Taplalkozastudomanyi Intezetbol (igazgato: Tarjan Robert dr. egyetemi tanar).
(FOOD ADDITIVES) (DYES)
{LEGISLATION, MEDICAL)
(FOOD PROCESSING INDUSTRY)

GIELESZKY, Vilmos, dr.; SZAMOSI, Jozsef, dr.

Poisoning by a plant protecting insecticide containing Hieldrin.
Orv. hetil. 106 no.102457-458 & Mr '65

1. Orszagos Elelmizes- es Laptoalkozastudomanyi Intezet (igaz-
gatoa Tarjan, Robert, dr.) Fovarosi Tanaes, Heim Pal Gyermekkorhaza.

POLAND/Zooparasitology - Parasitic Protozoa.

G-1

Abs Jour : Ref Zhur - Biol., No 10, 1958, 43377

Author : Ciemochowska-Mazik, J.

Inst :

Title : Capacity for Starch Utilization by the Ciliate Entodinium
Longinucleatum Dog.

Orig Pub : Acta parasitol. polon., 1956, 4, No 1-7, 147-162.

Abstract : The ciliate was grown in flasks (50 ml) on sterile filtered contents of the rumen; to 10 ml of medium 60 mg of starch was added and 16 mg of dry sifted rumen contents. The culture was saturated with CO₂ for 15 minutes to remove O₂, closed with a rubber stopper and incubated at 38-40°. Reinoculations were conducted daily. The largest number of ciliates were obtained on cultures of soya starch (41,500 specimens per ml) and on barley starch (40,500 specimens per ml). Corn starch does not produce ciliate development.

Card 1/1

PASYNKIEWICZ, Stanislaw; DAHLIG, Wladzimierz; CIEMNIEWSKI, Jozef

Obtaining of aluminum organic compounds. II. Reactions of metallic aluminum with alkylchlorides in the gas phase. Rocznika chemii 35 no.5:
1293-1300 '61.

1. Katedra Technologii Organicznej I. Politechnika, Warszawa.

ORLOWSKI, Jan; CIESLAK, Marek; CIEMNIEWSKI, Jozef; CIESLAK, Ludwika

Isolation of cyclopentadienes from the first benzole fractions from
coking processes. Pt. 2. Przem. chemiczna 40 no. 9: 517-521 S '61.

1. Instytut Przemyslu Organicznego, Warszawa.

CIESLAK, Ludwika; CIEMNIEWSKI, Jozef; CIESLAK, Marek; ORLOWSKI, Jan

Isolation of cyclopentadienes from the first benzole fractions from
coking processes. Pt. 3. Przem. chem. 40 no.10: 587-589 O '61.

1. Instytut Przemyslu Organicznego, Warszawa.

ORLOWSKI, Jan; MESZORER, Ludwika; CIEMNIEWSKI, Jozef; MAZANEK, Zdzisлава

Separation of cyclopentadiene from benzene dead fractions in
dry distillation of coal. Przem chem 39 no.8:514 Ag '60.

1. Pracownia Procesow Jednostkowych, Instytut Przemyslu Organicznego,
Warszawa.

S/081/62/000/022/024/088
B144/B101

AUTHORS: Pasynkiewicz, Stanisław, Dahlig, Włodzimierz, Ciemniewski,
Józef

TITLE: Synthesis of organoaluminum compounds. II. Reaction of
metallic aluminum with alkyl chlorides in the gas phase

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1962, 224, abstract
22Zh227 (Roczn. chem., v. 35, no. 5, 1961, 1293-1300
[Pol.; summaries in Russ., Eng., and Germ.])

TEXT: When CH_3Cl acts on finely dispersed Al in the absence of a catalyst
(390-400°C, 3 hrs) CH_3AlCl_2 arises with a yield of 75%. $\text{C}_2\text{H}_5\text{Cl}$ does not
react with Al (4 hrs, $\leq 400^\circ\text{C}$). When heated with Al in the absence of a
catalyst (300-320°C, 30 min) n-C₃H₇Cl decomposes with formation of HCl,
olefins, resin and AlCl_3 . $\text{C}_4\text{H}_9\text{Cl}$ reacts with Al in an analogous way
(190-200°C, 2 hrs). An addition of AlCl_3 , AlBr_3 , HgCl_2 , FeCl_3 , RAIBr_2 or

Card 1/2

Synthesis of organoaluminum ...

S/081/62/000/022/024/088
B144/B101

R_2AlBr to the reaction mixture accelerates considerably the RCl decomposition into olefins and HCl and reduces the reaction temperature to $115-135^{\circ}C$. In the case of the reaction of CH_3Cl with Al a mixture of CH_3AlCl_2 and $(CH_3)_2AlCl$ is produced. Probably C_2H_5Cl and $AlCl_3$ form the complex $C_2H_5^+AlCl_4^-$ which decomposes into $C_2H_5^+$ and $AlCl_4^-$; then $C_2H_5^+$ changes to C_2H_4 and H^+ , which together with $AlCl_4^-$ forms HCl and $AlCl_3$. The substances Al_2O_3 and Fe_2O_3 do not catalyze the reaction between Al and RCl . RCl is passed through a heated tube with Al filings O_2 and moisture being excluded. [Abstracter's note: Complete translation.]

Card 2/2

SMYK, S.; CIENCIALA, M.

Effect of sewage from chemical (nitrate) and energy (electro-
thermal) industry on microbiological conditions of water in
mountain rivers. Acta Microb. polon. 8:125-127 1959.

1. Z Katedry Mikrobiologii Rolnej WSR w Krakowie.
(WATER POLLUTION microbiol.)
(CHEMICAL INDUSTRY)

CIENCIALA, Mieczyslaw; HAENEL, Helmut

A microbiological method of quantitative determination of thiamine with *Poteriomchromonas stipitata* Scherffel. Acta microbiol. Pol. 13 no.1:55-61 '64

1. From the Department of Agricultural Microbiology, College of Agriculture, Krakow, Poland, and from the Institute of Nutrition, Potsdam-Rehbruecke, Germany.

JANICEK, M.; CIENCIALA, P.; SEDLACKOVA, E.

Relation between travelling to work and the incidence of hypertension in industrial workers. Cas. lek. cesk. 103 no. 25:691-694
19 Je'64

1. I. vnitri klinika lekarske fakulty PU [Palackeho university]
v Olomouci; prednosta : prof. dr. P. Lukl.

"APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220004-1

Autobrometric determination of manganese in
the presence of a trace of iron

Chloride ion at 1% concentration
is required for the reaction.

APPROVED FOR RELEASE: 06/12/2000

CIA-RDP86-00513R000309220004-1"

CIENCIALA, Teodor

Edmund Biernacki (1866-1911) - an outstanding pathologist
and author of the method of erythrocyte sedimentation rate
determination. Wiad. lek. 18 no. 23:1825-1828 1 D ' 65

CIERNIK, Stefan, inz.

Some problems of the scientific improvement of work. Podn org
19 no.4:169-171 Ap '65.

1. Slovak Higher School of Technology, Bratislava.

POLAND / Organic Chemistry; Synthetic Organic Chemistry.

G-2

Abs Jour : RZhKhim, No 10, 1958, No 32402

Author : Z. Eckstein, W. Cipionko, E. Grochowski, W. Sobotka,
B. Zaszczynska.

Inst : Not given

Title : To The Question of Herbicide Synthesis. V. Study of Condensation Rate of Sodium Phenolates and Chlorophenolates with Sodium Chloroacetate in Aqueous Medium.

Orig Pub : Przom. chom., 1957, 13, No 7, 390-393

Abstract : The reaction $\text{ClCH}_2\text{COONa} + \text{NaOC}-\text{CRCH}=\text{CR}'\text{CR}''-\text{CH}_2$ carried out in the aqueous medium was studied on examples with (the R-s, R'-s and R''-s are unnumbered): H, H, H; CH_3 , H, H; Cl, Cl, H; Cl, H, Cl; Cl, Cl, Cl; and CH_3 , Cl, H. The reaction was checked by the determination of the Cl^- content in the mixture. It

Card 1/2

CIEPICHAL, Lechoslaw, mgr., inż.

Shapes used in design of bridges in mining damage zones. Drogownictwo
17 no. 5:106-111. Mj '62.

CIEPIELA, Boleslaw

Rational air distribution in mines. Wiadom gorn 10 no. 7/8:
252-255 Jl-Ag '59.

CIEPIELA, Boleslaw

Hanging of shelves for dust barrages on lining spans. Wiadom
gorn 11 no. 1/2:32-33 Ja-F '60.

CIEPIELA, Boleslaw

Fire extinction by ventilation methods. Wiadom gorn 11 no.
7/8:255-257 Jl-Ag '60.

CIEPIELA, Boleslaw

Ventilation of preparatory works by utilizing the depression
of the main fan. Wiadom gorn 12 no. 12:417-419 D '61.

CIEPIELA, Boleslaw, inz.

Economizing timber in the Grodziec mine. Wiad gorn 14 no.10:
304-305 O '63.

P/013/63/000/001/001/001
D204/D307

AUTHOR: Ciepielewska, Krystyna, Master of Engineering
TITLE: Ionite resins as catalysts in organic syntheses
PERIODICAL: Chemik, no. 1, 1963, 21-23

TEXT: A brief review is given of the advantages and applications of Western and Soviet ionite resins in organic reactions. The advantages are given as (1) ready separation of products from the catalysts, (2) possibility of making the process continuous, extremely selective, and of suppression of side reactions, (3) avoidance of resinification and tarring of products, (4) possibility of using less corrosion-resistant apparatus, and (5) easy regeneration of the catalysts. Applications are illustrated on the examples of epoxidation, preparation of ethylene glycol, polymerization of acetaldehyde to paraldehyde, preparation of acetone cyanhydrin, hydration of liquid olefines, selective hydration of branched olefins, selective hydration of branched olefins, and synthesis of diallyl phthalate. The latter process was developed at Zaklad Chemii

Card 1/2

Ionite resins as catalysts ...

P/013/63/000/001/001/001
D204/D307

i Technologii Tworzyw Sztucznych Politechniki Wrocławskiej (Department of Chemistry and Plastics Technology, Wrocław Polytechnic Institute). It is important to obtain new resins with superior mechanical and chemical properties. Increased use of ionite resins as catalysts is anticipated. There are 20 references: 6 Soviet-bloc and 14 non-Soviet-bloc.

Card 2/2

POLAND

BURAKOWSKI, T., CIEPLINSKI, J., and DERECKI, J., Radiological Protection and Radiobiology Center (Osrodek Ochrony Radiologicznej i Radiobiologii). Dr. T. Obara, Head.

"Studies on the Removal of Caesium-137 from Meat"

Lublin, Medycyna Weterynaryjna, Vol 22, No 3, 1966, pp 133-136.

Abstract: Studies on the removal of caesium-137 from contaminated meat are described. It was found that tap water works almost as effectively as distilled water. Among organic chemicals, which are more effective than inorganic chemicals, best results were obtained with citric acid and sodium salicylate. The most practical way of decontamination was found to consist in steeping contaminated meat in tap water for several hours.
Contains 4 Figures and 8 references (1 Polish and 7 Western).

1/1

CIESIELSKI, Jerzy (Krakow); DETKO, Wladyslaw (Krakow); ZIOBRON,
Wladyslaw (Krakow)

Practical application of vacuum treatment of concrete in
construction. Przegl budowl i mieszk 34 no.12:706-709 D '62.

POLAND

CIESIELSKI, Leszek, First Surgical Clinic (I Klinika Chirurgiczna), AM [Akademia Medyczna, Medical Academy] in Lodz (Director: Prof. Dr. med. Marian STEFANOWSKI)

"Phlegmona of the Stomach During Hemorrhage from Gastro-Intestinal Tract. Case Report."

Warsaw, Polski Tygodnik Lekarski, Vol 18, No 21, 20 May 63, pp 753-756.

Abstract: [Author's English summary] Author reports phlegmona of the stomach in a patient during hemorrhage due to gastric ulcer. Cause of death was diffused peritonitis following partial removal of the stomach. Author discusses beneficial effect of hemorrhage in phlegmone of the stomach, since it causes ischemia and hypoxemia, as well as appearance of erosions. He also discusses the severe water and electrolyte balance situation caused by vomiting. The 13 references contain seven (7) Polish, two (2) Soviet, and four (4) German.

1/1

4

CIESIELSKI, Roman, doc. dr inz.; KISIEL, Igor, prof. dr inz.

Definition and interpretation of the dynamic coefficient. Inz i
bud 19 ~~no.~~ 2:85-87 F '62.

CIESIELSKI, Roman, dr inz. (Krakow); FAIX-DABROWSKI, Zbigniew, mgr inz.
(Krakow)

Typification of steel supports for freight cable railways.
Inz i bud 19 no.9:347-352 S '62.

CIESLINSKA, Krystyna; BURA, Helena

Case of rheumatic endocarditis with changes in the pulmonary valve and tricuspid valve. Wiad. lek. 18 no.11:945-948 1 Je '65.

1. Z I Kliniki Chorob Wewnętrznych Pomorskiej AM w Szczecinie
(Kierownik: doc. dr. med. K. Gregorczyk).

MROZINSKI, Stanislaw; CIESLINSKA, Krystyna; PILARSKA, Krystyna

Pulmonary embolism associated with changes in muscles of the
left ventricle. Pol. tyg. lek. 20 no.30:1118-1120 26 Jl '65.

1. Z I Kliniki Chorob Wewnętrznych Pomorskiej AM w Szczecinie
(Kierownik: doc. dr. med. Karol Gregorczyk).

CIEPINSKA S.

PRZESMYCKI, Feliks; SOBROWOLSKA, Halina; FELTYNOWSKI, Antoni; STANCZYK,
Regina; WALKOWSKA, Elzbieta; ZYCH, Zofia; (techniczny wspolydzial)
CIEPINSKA, Swietlana; WORZELSKA, Krystyna

Laboratory characteristics of the epidemic of influenza in 1953.
Med. dosw. mikrob. 6 no.3:241-251 1954.

1. Z Oddzialu Virusologii Panstwowego Zakladu Higieny. Kierownik:
prof. dr.F. Przesmycki.
(INFLUENZA, epidemiology,
Poland, statist. analysis)

CIEPLAK, I.

(MOTORYZACJA, Vol. 9, No. 1, Jan. 1954, Warszawa, Poland)

"Strengthen the competition movement in the State Auto Transportation." p. 14.

SO: MONTHLY LIST OF EAST EUROPEAN ACCESSIONS, L.C., Vol. 3, No. 4, APRIL 1954

GIEFLAK, I.

"The Development of Progressing in State Automotive Transportation", p. 39,
(MOTORYCZNA, Vol. 10, No. 2, Feb. 1955, Warsaw, Poland)

SC: Monthly List of East European Accessions, (EEL), LC, Vol. 4, No. 5,
May 1955, Uncl.

CIEPLIK, I.

"Analyzing the Economic Activities of the Enterprises of State Automotive Transportation", p. 53, (MOTORYZACJA, Vol. 10, No. 2, Feb. 1955, Warsaw, Poland)

SO: Monthly List of East European Accessions, (EEL), 10, Vol. 1, No. 5, May 1955, Uncl.